SEQUENCE LISTING

(1) GENERAL INFORMATION

 (i) APPLICANT: Ryncarz, Alexander J.

(ii) TITLE OF THE INVENTION: POSITIVE CONTROLS IN POLYNUCLEOTIDE
                             AMPLIFICATION

(iii) NUMBER OF SEQUENCES: 3

(iv) CORRESPONDENCE ADDRESS:
  (A) ADDRESSEE: LINDA M. BUCKLEY
              DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP
  (B) STREET: P.O. 130 WATER STREET
  (C) CITY: BOSTON
  (D) STATE: MA
  (E) COUNTRY: USA
  (F) ZIP: 02109-4280

(v) COMPUTER READABLE FORM:
  (A) MEDIUM TYPE: Diskette
  (B) COMPUTER: IBM Compatible
  (C) OPERATING SYSTEM: DOS
  (D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:
  (A) APPLICATION NUMBER: 08/791,240
  (B) FILING DATE: 01/30/1997
  (C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
  (A) APPLICATION NUMBER:
  (B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:
  (A) NAME: Buckley, Linda M.
  (B) REGISTRATION NUMBER: 31,003
  (C) REFERENCE/DOCKET NUMBER: 47,890 (1008)

(ix) TELECOMMUNICATION INFORMATION:
  (A) TELEPHONE: (617) 523-3400
  (B) TELEFAX: (617) 523-6440

  (2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:
  (A) LENGTH: 25 base pairs
  (B) TYPE: nucleic acid
  (C) STRANDEDNESS: single
  (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: Genomic DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CGACTCACT ATAGGGCGAA TTGGGC   27

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:
  (A) LENGTH: 26 base pairs
  (B) TYPE: nucleic acid
  (C) STRANDEDNESS: single
  (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

CGACTCACT ATAGGGCCGA ATTGGNN   28

(xii)   FEATURE: N at position 25 is guanine phosphorothioate.
                   N at position 26 is cytosine phosphorothioate.

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:
  (A) LENGTH: 24 base pairs
  (B) TYPE: nucleic acid
  (C) STRANDEDNESS: single
  (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

CATTAGGCA CCCCAGGCTT TACAC   26